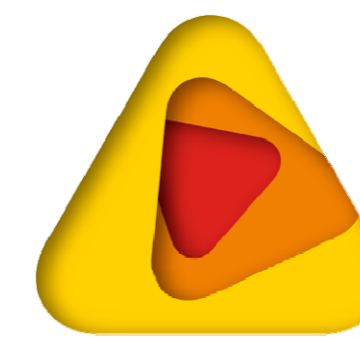


NATURAL HAZARDS EXPOSURE INFORMATION FRAMEWORK – A STEP TOWARDS NATIONAL CONSISTENCY



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A FRAMEWORK FOR NATIONALLY CONSISTENT EXPOSURE INFORMATION

Buildings

Infrastructure

Business

Agriculture

People

Industries

Exposure information comprises the details needed to support various phases and all levels of governance in disaster management. There is a wide variety of fundamental data required for end users and also analysts to enable informed decision making.

STATUS AND GAPS IN CURRENT EXPOSURE INFORMATION SYSTEMS

The Framework has a comprehensive list information requirements for both tactical and strategic response and mitigation. It Proposes data standards for national consistency and reliability for end users.

Current exposure information capabilities are developed in isolation at national, state and local level. The framework highlighted the requirements and gaps in the current systems such as comprehensiveness, national standards and inventory strategies.

Level 1 – Policy & Planning

Level 2 – Response & Recovery

Level 3 – Research & Analysis

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Next Generation of Exposure Information

- Defined Exposure Information – Components, Elements, Standard Attributes
- Information Requirements for Policy, Planning, Response, Recovery, Resilience, Research and Analysis.
- Review of Current Exposure Information Systems and Networks.
- Reliability Framework incorporating provenance, data quality and user needs to measure and evaluate data reliability
- Align with Foundation Spatial Data Framework for Community Safety Sector to Identify Investment Priorities.

